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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/091,266

03/05/2002

Gael Mace

PF010020

6430

7590

10/04/2006

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EXAMINER

NGUYEN, CINDY

ART UNIT

PAPER NUMBER

2161

DATE MAILED: 10/04/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/091,266

Applicant(s)

MACE ET AL.

Examiner

Cindy Nguyen

Art Unit

2161

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 August 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2 and 7-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 7-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 March 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 04/04/05.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

This is response to amendment filed 08/21/06.

Response to Arguments

Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 112

Claim 2 recites the limitation "wherein said request for initiation" in claim 1.

There is insufficient antecedent basis for this limitation in the claim.

Regarding claim 8, it is unclear what is stand for A/V. It is unclear what the item is being referenced.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 2, 7-9, 11 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Higgins et al. (US 6587480) (Higgins) in view of Lym et al. (US 6631435) (hereafter Lym).

Claims 1, 7, 8, 11 and 14 are rejected under 35 U.S.C. 102(e) as being anticipated by Higgins et al. (US 6587480) (Higgins).

Regarding claim 1, Higgins disclose: Method for isochronous file transfer in a network for transmission of audio/video data, comprising the steps, at the level of a client application of:

- causing a client device to request the opening of an isochronous connection between the client device and a source device (340, 350, fig. 5 and corresponding text, Higgins);
- causing the client device to specify a file to be transferred from the source device to the client device in an isochronous manner over the connection (col. 15, lines 65 to col. 16, lines 8, Higgins); causing the client device to request initiation of the file transfer from the starting point (col. 15, lines 31-48, Higgins)

However, Higgins didn't disclose: causing the client device to specifying a starting point, within said file, and from which the transfer is to be carried out. On the other hand, Lym discloses: causing the client device to specify a starting point, within said file, and from which the transfer is to be carried out (col. 18, lines 24-43; col. 44, lines 55-67, Lym). Thus, at the time invention was made, it would have been obvious to a person of ordinary skill in the art to include the steps for specifying a starting point which the transfer is to be carried out in the system of Higgins as taught by Lym. The motivation being to provide a method implements and manages isochronous and asynchronous data transfer operations between an application and a bus structure to allocate resources necessary for the isochronous data.

Regarding claim 2, all the limitations of this claim have been noted in the rejection of claim 1. In addition, Higgins/ Lym discloses: wherein said request for initiation is made to a file manager functional component module of the source device for managing a file system of isochronous files and asynchronous files on a recording medium holding the file to be transferred (col. 15, lines 15 to col. 16, lines 2, Lym). Thus, at the time invention was made, it would have been obvious to a person of ordinary skill in the art to include the steps for request for initiation is made to a file manager functional component module for managing a file system of isochronous files and asynchronous files on a recording medium holding the file to be transferred in the system of Higgins as taught by Lym. The motivation being to enable the application either requests a specific channel number or any currently available channel number for an isochronous data transfer between an application and another node

In addition, Higgins/Lym discloses: wherein said file manager functional component module provides an application programmable interface for access by said client application (col. 9, lines 43-60, Higgins).

Regarding claim 7, all the limitations of this claim have been noted in the rejection of claim 1. In addition, Higgins/ Lym discloses: wherein said starting point is specified in the request for opening the connection (col. 15, lines 31-48, Higgins).

Regarding claim 8, all the limitations of this claim have been noted in the rejection of claims 1 and 2. In addition, Higgins/ Lym discloses: Higgins/ Lym discloses: Device for

connection to a network for transmission of A/V data, comprising: a recording medium for storing isochronous files (col. 15, lines 31-48, Higgins); a functional components module providing an application programmable interface for access to said recording medium by a client device wherein the application programmable interface comprises a method for transferring an isochronous file over an isochronous connection to the client device starting from a starting point in the file, specified by the client device (fig. 3 and corresponding text and col. 14, lines 61 to col. 15, lines 15, Higgins).

Regarding claim 11, all the limitations of this claim have been noted in the rejection of claims 1 and 2. In addition, Higgins/ Lym discloses: method for isochronous file transfer in a network for transmission of audio/video data, at the level of a source device comprising a recording medium for storing isochronous file, comprising the steps of: receiving from a client device a method call including a request to transmit for transmitting an isochronous file to the client device over an isochronous connection with the client device, from a starting point specified in the request (340, 350, fig. 3 and col. 14, lines 54 to col. 15, lines 31, Higgins); initiating the file transfer from the starting point (col. 15, lines 31-48, Higgins).

Regarding claim 14, all the limitations of this claim have been noted in the rejection of claim 11. In addition, Higgins/ Lym discloses: wherein the method call is a method call for setting up the isochronous connection (col. 14, lines 16-48, Higgins).

Regarding claim 9, all the limitations of this claim have been noted in the rejection of claim 8. In addition, Higgins discloses: wherein the application programmable interface comprises : methods for acting upon isochronous connections and files (col. 14, lines 61 to col. 15, lines 11, Higgins); methods for acting upon asynchronous connections and files (col. 18,

lines 55 to col. 20, lines 10, Lym); file type independent methods for acting upon both asynchronous and isochronous files (col. 20, lines 15-40, Lym).

Claims 10, 12 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Higgins et al. (US 6587480) (Higgins) in view of Lym et al. (US 6631435) (hereafter Lym) and further in view of Katz et al. (US 6356971) (Katz).

Regarding claim 10, all the limitations of this claim have been noted in the rejection of claims 8 or 9 above. However, Higgins/Lym didn't disclose: wherein the application programmable interface further comprises methods for acting upon directories of both asynchronous and isochronous files. On the other hand, Katz discloses: wherein the application programmable interface further comprises methods for acting upon directories of both asynchronous and isochronous files (col. 6, lines 41-45, Katz). Thus, at the time invention was made, it would have been obvious to a person of ordinary skill in the art to include methods for acting upon directories of both asynchronous and isochronous files in the system of Higgins/Lym as taught by Katz. The motivation being to enable the user to organize the collections of specific multimedia files in a network directory.

Regarding claim 12, all the limitations of this claim have been noted in the rejection of claim 11. In addition, Higgins/Katz discloses: wherein the called method is part of an application programmable interface of a file manager functional component module for managing the recording medium, further comprising the step of having the source device establish, using its local registry service (col. 14, lines 34-48 and 15, lines 31-48, Higgins), a

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global directory comprising directories of all file manager functional component module compatible devices (420, fig. 4A_D, Katz).

Regarding claim 13, all the limitations of this claim have been noted in the rejection of claim 12. In addition, Higgins discloses: further comprising the step of including directories of devices managed by an AVDisc functional component module in the global directory (3 ½ floppy A, quantum C, driver D, E, ... etc. fig. 4B, Katz).

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cindy Nguyen whose telephone number is 571-272-4025. The examiner can normally be reached on M-F: 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin can be reached on 571-272-4146. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and 703-872-9306 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

CN
Cindy Nguyen
September 25, 2006

Frantz Coby
FRANTZ COBY
PRIMARY EXAMINER